US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FARMM	KEYEB (FB)	113.59 / 4.61	4000
KEYEB (IAF)	PLUNC (FB)	142.76 / 12.82	4000
YUSUP (IAF)	PLUNC (FB)	218.47 / 6.44	4000
PLUNC (IF)	JEXOS (FB)	142.89 / 6.01	2500
JEXOS (FAF)	RW14L (MAP) (FO)	142.95 / 5.54	
RW14L (MAP)	1300 MSL	142.95	1300
1300 MSL	LAIRD (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14L

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT LAIRD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 270.92 INBOUND.
CHART FAS OBST: 914 CTRL TWR 415946N/0875457W
DISTANCE TO THLD FROM 376 HATH: 1.00 NM.
CHART VDP AT 1.43 MILES TO RW14L*
*LNAV ONLY.
WAAS CHANNEL # 70601
REFERENCE PATH ID: W14A
LTP HAE: 164 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KEYEB
3. FAC: 142.95 FAF: JEXOS DIST FAF TO MAP: 5.54 THLD: 5.54
4. MIN. ALT: KEYEB 4000, PLUNC 4000, JEXOS 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: JEXOS 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS CLEAR
8. MSA FROM: RW14L 3400

MAG VAR: 3W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1025	4000	376	1025	4000	376	1025	4000	376	1025	4000	376			
LNAV/VNAV DA	1160	6000	511	1160	6000	511	1160	6000	511	1160	6000	511			
LNAV MDA	1180	2400	531	1180	2400	531	1180	5500	531	1180	5500	531			
CIRCLING	1220	1	548	1220	1	548	1220	1 1/2	548	1240	2	568			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 35C (95F).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 14R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 649	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AMDT: 1D
				DATED 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[X]	[ ]	[X]	[X]	[X]	[X]	[X] **ZAU, ORD ATCT, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **HERMAN C. ROGERS**	FIFO **AJV-353**	DATE: **12/29/2011**

APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 4000 DIRECT MISHL AND VIA 076 TRACK TO LAIRD AND HOLD, CONTINUE CLIMB IN HOLD TO 4000, TO CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT LAIRD AND HOLD.
2. CHANGED LPV HAT FROM 372 TO 376 ALL CATS AND LNAV/VNAV HAT FROM 507 TO 511 ALL CATS AND DIST TO THLD FROM 372 HAT TO 376 HAT.
3. CHANGED LNAV MDA/HAT FROM 1160/507 TO 1180/531 AND CAT C/D VISIBILITY FROM RVR 5000 TO RVR 5500.
4. CHANGED INOP ALFS-2 NOTE FROM FOR INOPERATIVE ALFS, INCREASE LPV VISIBILITY TO RVR 6000 ALL CATS TO FOR INOPERATIVE ALFS-2, INCREASE LPV VISIBILITY TO 1 1/4 MILE ALL CATS AND LNAV/VNAV VISIBILITY TO RVR 6000 ALL CATS.
5. CHANGED VDP DIST FROM 1.37 MILES TO 1.43.
6. REMOVED "WHEN ASSIGNED BY ATC" NOTES.
7. ADDED NOTES, RADAR REQUIRED AND SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 14L AND 14R.
8. CHANGED BARO-VNAV NA NOTE TEMP LIMITS FROM -16C(4F) TO -22C(-7F) AND HIGH FROM 47C (118F) TO 34C (93F).
9. CHANGED ALL SEGMENT COURSES BY 3 DEGREES.

REASONS:

1. PER ORD ATC IN SUPPORT OF SIMULTANEOUS RNAV APPROACHES.
2. FINALS DEVELOPED TO THRE INSTEAD OF TDZE PER .54A.
3/4. NEW SURVEY DATA FOR ATCT AND CHANGED VISIBILITY PER TERPS CHANGE 20.
5. INCREASED LNAV MDA 20 FEET.
6. NO LONGER SUPPORTED BY CURRENT CRITERIA.
7. PER ATC AND NEW CRITERIA FOR RNAV SIPIA OPERATIONS.
8. PER .54A CRITERIA.
9. MAGVAR CHANGED 3 DEGREES FROM LAST AMENDMENT.

PDF EDITS:
1. ADDED FAF TO JEXOS.
2. DELETED RNP 2.0 FROM ARINC MISSED APPROACH CODING.
3. CHANGED VNAV 161 TO PDA IN ROC ON -9.

QUALITY CHECKED

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE ALFS, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000 AND LNAV/VNAV ALL CATS VISIBILITY TO 1 3/4 MILE.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 14R.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORD
RUNWAY	RW14L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	415953.6505N
LTP/FTP LONGITUDE	0875438.3165W
LTP/FTP ELLIPSOIDAL HEIGHT	+01640
FPAP LATITUDE	415845.3700N
FPAP LONGITUDE	0875321.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	36550509

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01977
FPAP ORTHOMETRIC HEIGHT	+01977

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 649	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AMDT: 1D
				DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FARMM K50    C   L N42200958W088213392                      W0031     NAR           FARMM
        SUSAEAENRT   JEXOS K50    C     N42040834W087592524                      W0034     NAR           JEXOS
        SUSAEAENRT   KEYEB K50    C     N42183212W088154487                      W0032     NAR           KEYEB
        SUSAEAENRT   LAIRD K50    C   L N41590068W087353733                      W0037     NAR           LAIRD
        SUSAEAENRT   PLUNC K50    C     N42084430W088043712                      W0033     NAR           PLUNC
        SUSAEAENRT   YUSUP K50    C   L N42135948W087593551                      W0034     NAR           YUSUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5AORD     0     130YHN41585394W087542402W003000672         1800018000C    MNAR    CHICAGO O'HARE INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5FR14L  AFARMM 010FARMMK5EA0E       IF                                                18000                A JS
        SUSAP KORDK5FR14L  AFARMM 020KEYEBK5EA0E  A 020TF                      11360046    + 04000                              A JS
        SUSAP KORDK5FR14L  AFARMM 030PLUNCK5EA0EE B 010TF                      14280128    + 04000                              A JS
        SUSAP KORDK5FR14L  AYUSUP 010YUSUPK5EA0E  A    IF                                                18000                A JS
        SUSAP KORDK5FR14L  AYUSUP 020PLUNCK5EA0EE B 010TF                      21850064    + 04000                              A JS
        SUSAP KORDK5FR14L  R      010PLUNCK5EA0E  I    IF                                  + 04000     18000                    A JS
        SUSAP KORDK5FR14L  R      020JEXOSK5EA1E  F 051TF                      14290060    + 02500                  RW14L K5PGA JS
        SUSAP KORDK5FR14L  R      020JEXOSK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KORDK5FR14L  R      030RW14LK5PG0GY M 031TF                      14300055      00707             -300           A JS
        SUSAP KORDK5FR14L  R      040          0  M     CA                      1430        + 01300                              A JS
        SUSAP KORDK5FR14L  R      050LAIRDK5EA0EY  L   DF                                  + 04000                              A JS
        SUSAP KORDK5FR14L  R      060LAIRDK5EA0EE  R   HM                      27090050    + 04000                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5GRW14L   0100051430 N41595365W087543832+0000    +0164000649199855150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORDK5PR14L  RW14L001 0000W14A0N4159536505W08754383165+016400300N4158453700W087532152001067503120005 80F40050036550509
        SUSAP KORDK5PR14L  RW14L002E      +01977+01977LPV       70601

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 672 THRE: 649	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AMDT: 1D
				DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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SUSAP KORDK5SRW14LK5PG          0   18018003425                                                    M
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CITY AND STATE	ELEVATION: 672 THRE: 649	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AMDT: 1D
				DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FARMM	FARMM	010		IF		FB					
	FARMM	KEYEB	020	IAF	TF		FB	2.0	113.6(110.6T)	004.6	AA 04000	
	FARMM	PLUNC	030		TF		FB	1.0	142.8(139.8T)	012.8	AA 04000	
	YUSUP	YUSUP	010	IAF	IF		FB					
	YUSUP	PLUNC	020		TF		FB	1.0	218.5(215.5T)	006.4	AA 04000	
		PLUNC	010	FACF	IF		FB				AA 04000	
		JEXOS	020	FAF	TF		FB	0.5	142.9(139.9T)	006.0	AA 02500	
		RW14L	030	MAP	TF		FO	0.3	143.0(140.0T)	005.5	AT 00707	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		143.0(140.0T)		AA 01300	
	LAIRD	050		DF	L	FO				AA 04000	
	LAIRD	060		HM	R	FO		270.9(267.9T)	005.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FARMM	N422009.58	W0882133.92	N4220.160	W08821.565
	JEXOS	N420408.34	W0875925.24	N4204.139	W08759.421
	KEYEB	N421832.12	W0881544.87	N4218.535	W08815.748
	LAIRD	N415900.68	W0873537.33	N4159.011	W08735.622
	PLUNC	N420844.30	W0880437.12	N4208.738	W08804.619
	YUSUP	N421359.48	W0875935.51	N4213.991	W08759.592
	RW14L	N415953.65	W0875438.32	N4159.894	W08754.639

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14L	00649	55

QUALITY 5

CITY AND STATE	ELEVATION: 672 THRE: 649	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AMDT: 1D
				DATED: 03/08/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	FARMM	KEYEB	1. TOWER (17-000409)	422121.72N/0881859.88W	1260 (2C)	1000	AT1740	4000
			2. TERRAIN	421639.00N/0882106.00W	995 (1000)		AS1500	2500
INITIAL	KEYEB	PLUNC	3. TOWER (17-000678)	421515.00N/0881516.00W	1243 (4D)	1000	AT1757	4000
			4. TERRAIN	421545.00N/0881936.00W	955 (1000)		AS1500	2500
INITIAL	YUSUP	PLUNC	5. TOWER (17-000994)	421412.00N/0880416.00W	1360 (4D)	1000	AT1640	4000
			6. TERRAIN	421430.00N/0880424.00W	926 (900)		AS1500	2400
INTERMEDIATE: LNAV	PLUNC	JEXOS	7. 200' AAO	420812.00N/0880554.00W	1109 (4E)	500	AC98 DG793	2500
			8. TERRAIN	420739.00N/0880557.00W	906 (900)		AS1500	2400
FINAL: LPV	JEXOS	RW14L				ASC	XP172	1025/376
FINAL: LNAV/VNAV	JEXOS	RW14L	9. CTRL TWR	415946.43N/0875456.75W	914 (1A)	PDA	XP85	1160/511
			(17-021308)					
FINAL: LNAV	JEXOS	RW14L	9. CTRL TWR	415946.43N/0875456.75W	914 (1A)	250		1180
			(17-021308)					
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / RW14L	LAIRD				ASC		4000
			10. BLDG (17-001415)	415714.00N/0873847.00W	1267 (2E)	1000		2300
ELEV:	778/999/1080		11. TERRAIN	420109.00N/0875742.00W	683 (700)		AS1500	2200

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	548	9. CTRL TWR (17-	415946.43N/0875456.75W	914 (1A)	300		1220
CATEGORY B	1.5 NM	450	548	9. CTRL TWR (17-	415946.43N/0875456.75W	914 (1A)	300		1220
CATEGORY C	1.7 NM	450	548	9. CTRL TWR (17-	415946.43N/0875456.75W	914 (1A)	300		1220
CATEGORY D	2.3 NM	550	568	9. CTRL TWR (17-	415946.43N/0875456.75W	914 (1A)	300	HAA	1240
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW14L

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	BLDG (17-000678)	123/ 14.2	2325 (2D)	3400					

CITY AND STATE	ELEVATION: 672 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CHICAGO, IL	CHICAGO O'HARE INTL	RNAV	RNAV (GPS) RWY 14L, AMDT 1E	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ORD APP CON ORD TOWER		N W S	OTHER: ASOS	SOURCE: KORD
		F A A		DISTANCE:
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION:
X V H F X U H F H F	LOCATION: KORD			ADJUSTMENT: 0

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	X	ALSF-2 28C, 09L, 10, 28, 14L, 27L, 14R, 10C, 27C, 09R, 10R, 09C, 28L, 27R
		(S) SALS
	X	MALSR 04R, 22R, 32R, 22L
	X	HIRL 28C, 09L, 10, 28, 04R, 14L, 27L, 14R, 10C, 22R, 32R, 27C, 04L, 32L, 09R, 10R, 22L, 09C
		MIRL
		REIL
	X	TDZ 09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 32L, 22L, 27R
	X	C/L 09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R
	X	OTHER (SPECIFY) PAPI-4L 28C, 10, 28, 14L, 14R, 10C, 22R, 22L

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R
	MIDFIELD	09L, 10, 28, 14L, 14R, 32R, 32L, 22L, 27R
	ROLL OUT	09L, 10, 28, 04R, 14L, 14R, 22R, 32R, 04L, 32L, 22L, 27R

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 648.5
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 58.0

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: HERMAN C. ROGERS	DATE: 12/29/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

INTERMEDIATE DESCENT GRADIENT 83.19 FT PER NM IF ATC USES 3000 AT IF; 249.58 FT PRT NM IF ATC USES 4000 AT IF.

INTERMEDIATE AND MISSED APPROACH LEVEL SURFACE OBSTACLES SAME FOR LPV, LNAV/VNAV AND LNAV.

TAA AND HOLD-IN-LIEU NOT CONSTRUCTED PER ATC REQUEST.

ALTERNATE ALTIMETER SOURCE NOT PROVIDED DUE TO REDUNDANT ALTIMETER SOURCES AT THE AIRPORT.

PROCEDURE CONTAINED WITHIN CLASS B AIRSPACE SAME AS PREVIOUS AMENDMENT.

2. KORD ASOS ON SERVICE-A; HR OPTN: 24. LOCATION: ON AIRPORT.RWY 14L THRESHOLD DISPLACED 1998 FT.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 24.08:1
ACT: -22C

AVERAGE COLD TEMPERATURE BASED ON 5 YEAR HISTORY::
DEC 2010: 2F
JAN 2009: -18F
DEC 2007: -6F
FEB 2007: -10
FEB 2006: -7F
AVG -39F/5=-7.8F=-22.11C (-22C)

VGSI DATA: 3.00/74.7 TCH.

NO ADDITIONAL AIRSPACE REQUIRED.

XP LNAV/VNAV FINAL: RAISE TO PREVIOUS MINS

XP LPV FINAL: RAISE TO PREVIOUS MINS

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:							
	ELEV:							

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CHICAGO, IL	**ELEVATION: 672** AIRPORT NAME: **CHICAGO O'HARE INTL**	**RNAV**	**RNAV (GPS) RWY 14L, AMDT 1E**	**AGL**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
	X	**HIRL 28L, 27R**
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD	FT. FROM THRESHOLD
		ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

RADIO FIX AND HOLDING DATA RECORD

NAME: JEXOS **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 420408.34N/0875925.24W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CHICAGO	I-OHA	LOC		322.99	319.99	7.04	7.05	42834	2500	5100
2	NORTHBROOK	OBK	VOR/DME	H	192.66	190.66		9.31		2500	5100

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
KORD R14L DISPLACED THRESHOLD COORDINATES: 415953.65N/0875438.32W
OHA ILS DME ANTENNA COORDINATES: 415843.19N/0875323.65W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 14L	1, 2		KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT II)	1, 2		KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT III)	1, 2		KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 14L			KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
DELETE WP FAC 3.
UPDATE FAC 1 AND 2, ADDED DIST FROM FAC IN NM, AND IN FEET TO FAC 1.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 01/12/2012 **OFFICE:** AJV-353 **NAME:** HERMAN ROGERS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: CHICAGO APP CON
OTHER: ORD ATCT

QUALITY CHECKED

Info Only

RADIO FIX AND HOLDING DATA RECORD

NAME: LAIRD **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 415900.68N/0873537.33W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	CHICAGO	I-IAC	LOC/DME		093.00	090.00	13.09	13.09		2500	5100
2	CHICAGO HEIGHTS	CGT	VORTAC	L	356.00	358.00		28.42		2500	17500
3	CHICAGO O'HARE	ORD	VOR/DME	L	088.92	090.92	13.93	13.93		2500	17500
4	NORTHBROOK	OBK	VOR/DME	H	133.62	131.62		21.44		2500	17500

FIX RESTRICTIONS:
MCA V7 2600 SOUTHBOUND

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E	ORD	VOR/DME	088.92	268.92	R	1		4000	10000	5	10
2	E		WP	090.92	270.92	R		5	4000	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (17-001415)	415714.00N/0873847.00W	1267	3C
1	310	BLDG (17-000687)	415244.00N/0873809.00W	2325	2D
2	200	BLDG (17-001415)	415714.00N/0873847.00W	1267	3C
2	310	BLDG (17-000687)	415244.00N/0873809.00W	2325	2D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 4R	KORD	CHICAGO	IL (US)
1	ILS OR LOC RWY 14L	KORD	CHICAGO	IL (US)
1	ILS RWY 14L (CAT II)	KORD	CHICAGO	IL (US)
1	ILS RWY 14L (CAT III)	KORD	CHICAGO	IL (US)
2	RNAV (GPS) RWY 14L	KORD	CHICAGO	IL (US)
2	RNAV (GPS) RWY 4R	KORD	CHICAGO	IL (US)
2	RNAV (GPS) RWY 22L	KORD	CHICAGO	IL (US)

REMARKS:
I-IAC ASSOCIATED DME LOCATED 415904.69N/0875310.21W.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V7	2, 3, 4				(US)
IAP	ILS OR LOC RWY 14L	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 22L	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	ILS OR LOC RWY 4R	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT II)	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	ILS RWY 14L (CAT III)	2, 3, 4	1	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 14L		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 22L		2	KORD	CHICAGO	IL (US)
IAP	RNAV (GPS) RWY 4R		2	KORD	CHICAGO	IL (US)

REQUIRED CHARTING: IAP, AREA, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
CHANGED PATTERN 1 C-I-H OBST FROM 2099 TOWER TO 2325 TOWER.
CHANGED PATTERN 2 C-I-H OBST FROM 2099 TOWER TO 2325 TOWER.
DELETED HOLDING PATTERN 3 AND ALL ASSOCIATED DATA.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 12/19/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

QUALITY 5 CHECKED

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: ORD APP CON/ATCT
OTHER:

QUALITY 5 CHECKED